AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a medical decision-support system ~~having a knowledge module and a patient module~~, a method for delivering decision-supported patient data ~~of a patient~~ to a mobile user module ~~accessible by a clinician~~ in a controlled and repeatable manner, the method comprising the steps of:

(a) accessing patient data ~~analyzing data stored in a patient module to identify patient data of~~ for at least one ~~each~~ patient ~~that a clinician is to examine in a defined period~~ from a patient storage module, the accessed patient data being accessed to assist in the medical care of the at least one patient;

(b) accessing updateable rules and parameters that correspond to one or more medical conditions, the accessed updateable rules and parameters being accessed from a medical knowledge module to assist in at least identifying the one or more medical conditions in the at least one patient;

~~(b)~~(c) ~~evaluating the patient data with data stored in a knowledge module to~~ generating~~e~~ decision-supported patient data for ~~each~~ the at least one patient based on the accessed patient data and the accessed updateable rules and parameters ~~that is to be examined within the defined period~~; and

~~(c)~~(d) transferring the generated decision-supported patient data ~~with~~ to the mobile user module~~,~~ such that ~~presenting~~ the clinician can be presented with decision-

supported patient data for the at least one ~~each~~ patient ~~that the clinician is to examine~~ in a configuration that assists the clinician in treating the at least one ~~each~~ patient.

2. (Cancelled) ~~A method as recited in claim 1, further comprising the step of transmitting the decision-supported patient data to the user module.~~

3. (Currently Amended) A method as recited in claim 1, ~~further comprising~~ wherein the step of transferring the generated decision-supported patient data to the mobile user module comprises transferring the generated decision-supported patient data such that relevant ~~storing~~ patient data ~~relevant to each~~ for the at least one patient ~~that the clinician is to examine~~ can be stored within the mobile user module.

4. (Currently Amended) A method as recited in claim 1, wherein the step of transferring the generated decision-supported patient data to the mobile user module comprises transferring the generated decision-supported patient data such that ~~presenting~~ decision-supported patient data ~~is performed~~ can be presented in at least one of real-time and perceived real-time.

5. (Currently Amended) A method as recited in claim 1, wherein the medical knowledge module comprises at least one database containing expert medical ~~data~~ rules and parameters for diagnosing medical conditions.

6. (Currently Amended) A method as recited in claim 1, wherein the generating decision-supported patient data ~~analyzing~~ step comprises the steps of:

(a) identifying ~~each~~ a patient that the clinician is to examine;

(b) searching the accessed patient data for patient data ~~stored in the patient module that is associated with each~~ corresponding to the patient; and

(c) ~~collecting the stored patient data for each patient~~applying the accessed updateable rules and parameters to the patient data corresponding to the patient to assist the clinician in determining if the patient has any of the corresponding one or more medical conditions.

7. (Currently Amended) A method as recited in claim ~~6~~5, wherein the step of searching comprise~~s~~ing the steps of:

(a) searching a decision-support module; and

(b) searching a medical module.

8. (Currently Amended) A method as recited in claim 1, wherein the ~~evaluating~~ generating decision-supported patient data step comprises evaluating the accessed patient data against an insurance carrier, a plurality of database modules, a medical module, a third-party module, or a user module.

9. (Currently Amended) A method as recited in claim 1, wherein the step for accessing updateable rules and parameters ~~further~~ comprise~~s~~ing the step of ~~collecting patient data~~ accessing rules and parameters used to automatically generate one of a computerized medical condition diagnosis and computerized medical care recommendation.

10. (Currently Amended) A method as recited in claim 1~~8~~, wherein the accessing patient data ~~collecting~~ step comprises the step of accessing patient data that was previously received from the mobile user module~~gathering patient data via a user interface, wherein the user interface is a graphical user interface, an interactive user interface, a voice recognition user interface or a textual user interface~~.

11. (Original) A computer-readable medium having computer-executable instructions for performing the steps recited in claim 1.

12. (Currently Amended) In a medical decision-support system, a~~A~~ computer program product for implementing a method for transceiving data between a decision-support module and a mobile user module, the computer program product comprising:

at least one computer readable medium carrying computer-executable instructions for implementing the method, wherein the computer-executable instructions comprise:

program code means for accessing ~~analyzing~~ patient data from a patient storage module, the accessed patient data to assist in the medical care ~~to identify current patient data of each~~ of at least one patient ~~that a clinician is to examine in a defined time period~~;

program code means for accessing updateable rules and parameters corresponding to one or more medical conditions, the accessed updateable rules and parameters being accessed from a medical knowledge module to assist in at least identifying the one or more medical conditions in the at least one patient

program code means for ~~evaluating the current patient data with the knowledge base to~~ generatinge decision-supported patient data for the at least one ~~each~~ patient based on the accessed patient data and the accessed updateable rules and parameters ~~that is to be examined within the defined time period~~, the decision-supported patient data capable of being transferred~~mitted~~ to ~~a user~~ the mobile user module ~~accessible by the clinician~~; and

program code means for transferring the generated ~~presenting the clinician with~~ decision-supported patient data to the mobile user module such ~~specific to each patients~~ that the clinician can be presented with decision-supported patient

data ~~examines~~ in a configuration that assists the clinician in treating the at least one ~~each~~ patient.

13. (Cancelled) ~~A computer program product as recited in claim 12, wherein the program code means for analyzing the patient data and the program code means for evaluating the current patient data are contained on one of the at least one computer readable medium.~~

14. (Cancelled) ~~A computer program product as recited in claim 12, further comprising program code means for transmitting the decision-supported patient data to the user module.~~

15. (Currently Amended) A computer program product as recited in claim 12, further comprising program code means for storing patient data relevant to the at least one ~~each~~ patient that the clinician is to examine within the mobile user module.

16. (Currently Amended) A computer program product as recited in claim 12, wherein the knowledge base comprises at least one database containing expert medical rules and parameters for diagnosing medical conditions ~~information~~.

17. (Currently Amended) A computer program product as recited in claim 12, wherein the program code means for generating decision-supported patient data ~~analyzing~~ comprises:

(a) program code means for identifying ~~each~~ a patient that the clinician is to examine;

(b) program code means for searching the ~~stored~~ accessed patient data for patient data ~~associated with each~~ corresponding to the patient; and

(c) program code means for ~~collecting the stored patient data for each patient~~ applying the accessed updateable rules and parameters to the patient data corresponding to the patient to assist the clinician in determining if the patient has any of the corresponding one or more medical conditions.

18. (Original) A computer program product as recited in claim 17, wherein the program code means for searching comprises:

(a) program code means for searching a decision-support module; and

(b) program code means for searching a medical module.

19. (Currently Amended) A computer program product as recited in claim 12, wherein the program code means for ~~evaluating~~ generating decision-supported patient data comprises program code means for evaluating the ~~current~~ accessed patient data against modules selected from the group consisting of (i) an insurance carrier, (ii) a plurality of database modules, (iii) a medical module, (iv) a third-party module, and (v) a user module.

20. (Currently Amended) A computer program product as recited in claim 12, ~~further comprising~~ wherein program code means for accessing updateable rules and parameters ~~collecting patient data~~ comprises program code means for accessing rules and parameters used to automatically generate one of a computerized medical condition diagnosis and a computerized medical care recommendation.

21. (Currently Amended) A computer program product as recited in claim 20, wherein the program code means for ~~collecting~~ accessing patient data comprises program code means for accessing patient data the was previously received from the mobile user module

~~gathering patient data via a user interface, wherein the user interface is a graphical user interface, an interactive user interface, a voice recognition user interface or a textual user interface~~.

22. (Cancelled) ~~In a decision support system having a knowledge base, a method for delivering decision supported patient data of a patient to a user module accessible by a clinician in a controlled and repeatable manner, the method comprising the steps of:~~

(a) ~~analyzing patient data to identify current patient data of each patient that a clinician is to examine in a defined time period;~~

~~(b) evaluating the current patient data with the knowledge base to generate decision supported patient data for each patient that is to be examined within the defined time period;~~

~~(c) delivering the decision supported patient data to a mobile user module, the mobile user module allowing the clinician to decision supported patient data specific to each patient that the clinician is to examine in a configuration that assists the clinician in treating each patient.~~

23. (Currently Amended) In a medical decision-support system ~~having a knowledge base~~, a method for ~~delivering~~ accessing decision-supported patient data ~~of a patient to~~ at a user module ~~accessible by a clinician in a controlled and repeatable manner~~, the method comprising the steps of:

(b) indicating ~~identifying~~ at least one patient ~~that a clinician is to examine in a defined time period and~~;

(c) ~~delivering~~ receiving decision-supported patient data ~~representative of~~ corresponding to the at least one patient ~~to~~ from a decision-support module, the decision-supported patient data having been generating by ~~such that the decision-support module gathers the current patient data relative to the at least one patient and~~ evaluatinges ~~the current~~ patient data accessed from a patient module along with updatable rules and parameters accessed from a knowledge module, the updatable rules and parameters corresponding to one or more medical conditions ~~the knowledge base, to generate decision-supported patient data for each patient that is to be examined within the defined time period, the decision-supported patient data capable of being transmitted to a user module accessible by the clinician~~; and

(d) presenting ~~the clinician with~~ received decision-supported patient data, specific to the at least one ~~each~~ patient ~~that the clinician is to examine, received from the decision-support module~~ in a configuration that assists the clinician in treating the at least one ~~each~~ patient.

24. (Currently Amended) A medical decision-support system, comprising:

(a) a decision-support module configured to:

(i) access patient data for at least one patient from a patient storage module to assist in the medical care of the at least one patient;

(ii) access updateable rules and parameters corresponding to one or more medical conditions, the accessed updateable rules and parameters being accessed to assist in at least identifying the one or more medical conditions in the at least one patient;

(iii) generate decision-supported patient data ~~specific to~~ for the at least one ~~each~~ patient ~~that a clinician is to examine in a defined time period~~ based on the accessed patient data and the accessed updateable rules and parameters; and

(iv) transfer the generated decision-supported patient data to the mobile user module~~,~~ such that the clinician can be presented with decision-supported patient data for the at least one patient in a configuration that assists the clinician in treating the at least one patient; and

(b) a user module remotely located from the decision-support module and ~~being~~ configured to receive decision-supported patient data from ~~communicate with~~ the decision-support module, the mobile user module comprising a user interface configured to present ~~display~~ the decision-supported patient data ~~to the clinician~~ in a configuration that assists the clinician in treating the at least one ~~each~~ patient.

25. (Currently Amended) A medical decision-support system as recited in claim 24, wherein the ~~decision-support~~ medical knowledge module comprises ~~a knowledge module, the knowledge module comprising~~ a plurality of databases.

~~26.~~ (Cancelled) ~~A system as recited in claim 24, wherein the decision-support module comprises a patient module, the patient module comprising patient data.~~

27. (Currently Amended) A medical decision-support system as recited in claim 24, wherein the decision-support module communicates with ~~a~~ the medical knowledge module to generate the decision-supported patient data.

28. (Currently Amended) A medical decision-support system as recited in claim 24~~7~~, wherein the ~~medical~~ decision-support module comprises a plurality of ancillary modules.

29. (Currently Amended) A medical decision-support system as recited in claim 24~~8~~, wherein the medical knowledge module is updateable as more recent medical knowledge corresponding to the one or more medical conditions becomes available ~~comprises a knowledge module and a patient module~~.

30. (Currently Amended) A medical decision-support system as recited in claim 24, wherein decision-support module receives patient data from the user module.

31. (Currently Amended) A medical decision-support system as recited in claim 24 wherein the user module communicates with the decision-support module by way of a communication protocol selected from the group consisting of (i) a connection orientated protocol and (ii) a connectionless network protocol.

32. (Cancelled) ~~A decision-support system for providing a clinician with real-time patient data specific to each patient that the clinician is to examine in a defined time period, comprising:~~

~~(a) a decision-support module configured to generate decision-supported patient data specific to each patient that a clinician is to examine in a defined time period, the decision-support module comprising an inference engine that communicates with a knowledge module and a patient module; and~~

~~(b) a mobile user module in real-time communication with the decision-support module and adapted to present the decision-supported patient data in real-time to the clinician.~~

33. (Currently Amended) A medical decision-support system as recited in claim ~~32~~4, wherein the user module comprises a mobile user module configured to communicate in real-time with the decision-support ~~knowledge~~ module ~~comprises a plurality of databases~~.

34. (Currently Amended) A medical decision-support system as recited in claim ~~32~~4, wherein the decision-support module communicates with the user module via a network.

35. (Currently Amended) A medical decision-support system as recited in claim 34, wherein the network is selected from a group consisting of (i) a local area network, (ii) a wide area network, (iii) a wireless network, (iv) a packetized network, and (v) a real-time network.

36. (Currently Amended) A medical decision-support system as recited in claim ~~32~~4, wherein the decision-support module communicates with a medical knowledge module to generate the decision-supported patient data.

37. (Currently Amended) A medical decision-support system as recited in claim 364, wherein the medical knowledge module comprises a plurality of ancillary modules.

~~38.~~ (Cancelled) ~~A system as recited in claim 32, wherein decision support module receives patient data from the user module~~.

39. (New) The method as recited in claim 23, wherein the step of presenting received decision-supported patient data comprises a step of presenting received decision support data via a user interface wherein the user interface comprises one or more of a graphical user interface, an interactive user interface, a voice recognition user interface, and a textual user interface.

40. (New) The method as recited in claim 23, wherein the user module is mobile user module.

41. (New) The method as recited in claim 1, wherein the accessed updateable rules are configured to be updated when more recent medical knowledge corresponding to the one or more medical conditions becomes available.

42. (New) The method as recited in claim 12, wherein the accessed updateable rules are configured to be updated when more recent medical knowledge corresponding to the one or more medical conditions becomes available.